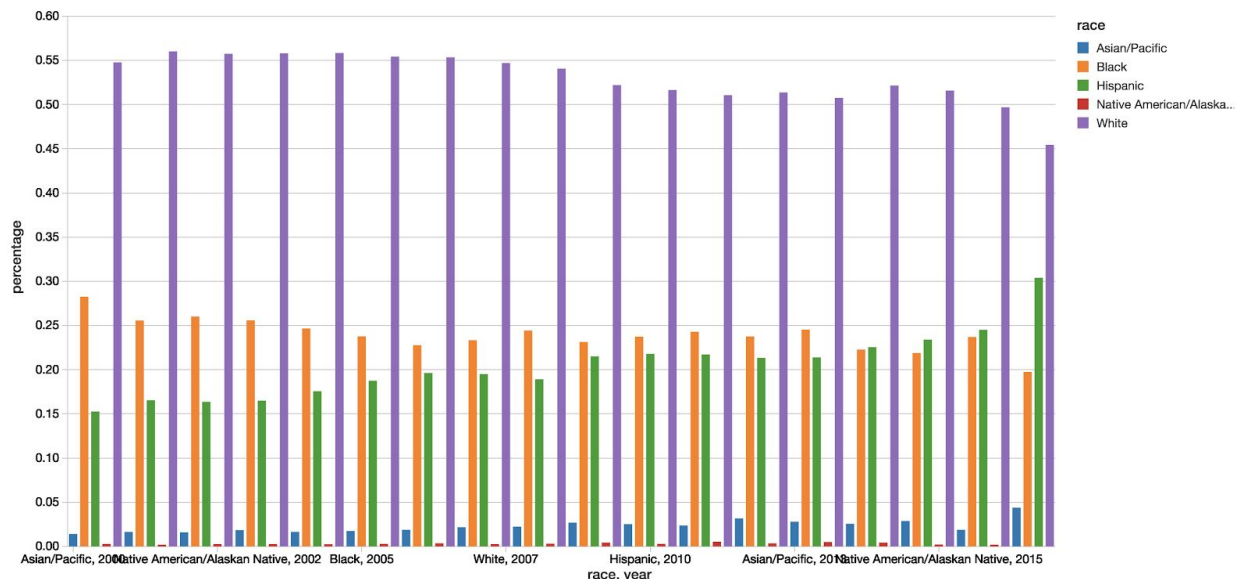


LINK TO THE DATABRICKS NOTEBOOK:

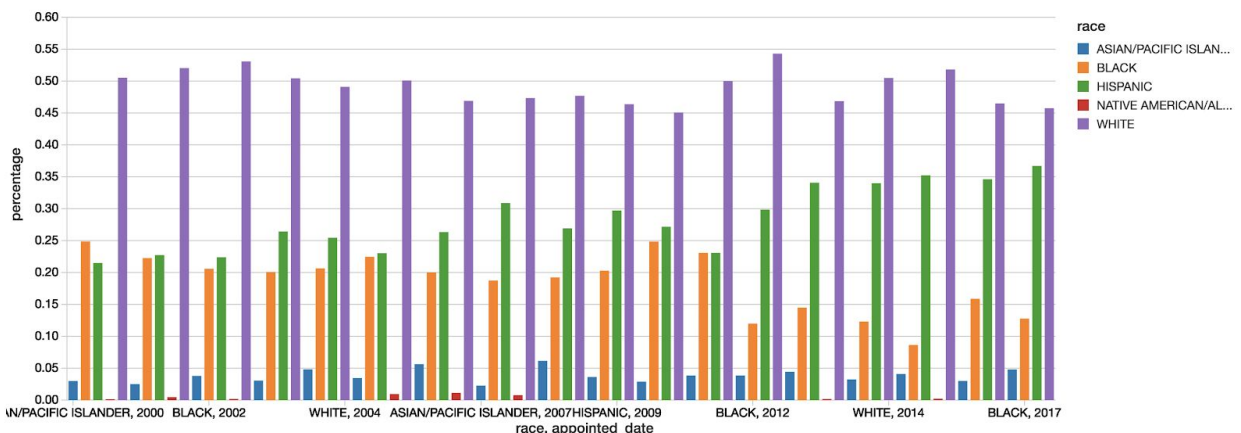
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1. Are the percentages of allegations against officers of any identity group rising or falling compared to the rates of total allegations *and* to the rates of population demographics in Chicago?

% of allegations against CPD officers by race and year (2000-2017)



CPD Makeup by year



Ideally, we would have liked to visualize this as a stacked bar chart by year, so it would

be easier to see the share each identity group has per year. Nevertheless, some trends are still able to be observed from this format. The % allegations against native americans, asian/pacific islanders, and white officer look relatively similar to the % of those races out of total officers. Also, all of these numbers have stayed relatively constant from 2000 to 2017, except that the % white officers and allegations has dropped slightly in the last few years. However, from 2000 to 2017, the % of hispanic officers in the CPD has risen greatly while the % of black officers has declined greatly. The % allegations against black officers has declined slightly and the % allegations against hispanic officers has risen slightly, however these changes do not match the changes in overall CPD population demographic. This means that black officers are more likely to have allegations against them than hispanic officers, and this reality has become increasingly true from 2000 to 2017.

2. Are investigators who are in the same identity group as the officers named in the complaints less likely to take action against the officer?

Bar graph of percentages:

Info about investigators:

No. black who take action against black cops // No. black who complain about black cops

No. black who take action against non-black cops // No. black who complain about non-black cops

No. white who take action against white cops // No. white who complain about white cops

No. white who take action against white cops // No. white who complain about non-white cops

No. hispanic who take action against hispanic cops // No. hispanic who complain about hispanic cops

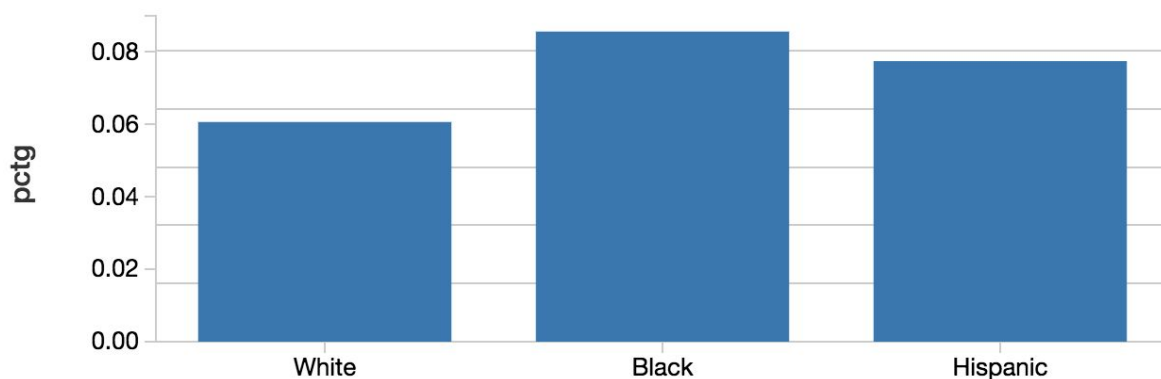
No. hispanic who take action against non-hispanic cops // No. hispanic who complain about non-hispanic cops

No. asian who take action against asian cops // No. asian who complain about asian cops

No. asian who take action against non-asian cops // No. asian who complain about non-asian cops

No. native who take action against native cops // No. native who complain about native cops

No. native who take action against non-native cops // No. native who complain about non-native cops



From this bar chart, black officers were more likely to be disciplined by black investigators than white officers by white investigators and hispanic officers by hispanic investigators. However, more analysis must be done to verify if this difference is significant. More analysis could also be done to compare to when the officer's race does not match the investigator's, or the specific pairings between certain races of officers and investigators.

3. Are investigators who are in the same identity group as the victims/complainants more likely to take action against the officer?

Bar graph of percentages:

No. black investigators who take action on behalf of black victim // No. cases black investigators examine for black victims

No. black investigators who take action on behalf of non-black victims // No. cases black investigators examine for non-black victims

No. white investigators who take action on behalf of white victim // No. cases white investigators examine for white victims

No. white investigators who take action on behalf of non-white victims // No. cases white investigators examine for non-white victims

No. hispanic investigators who take action on behalf of hispanic victim // No. cases hispanic investigators examine for hispanic victims

No. hispanic investigators who take action on behalf of non-hispanic victims // No. cases hispanic investigators examine for non-hispanic victims

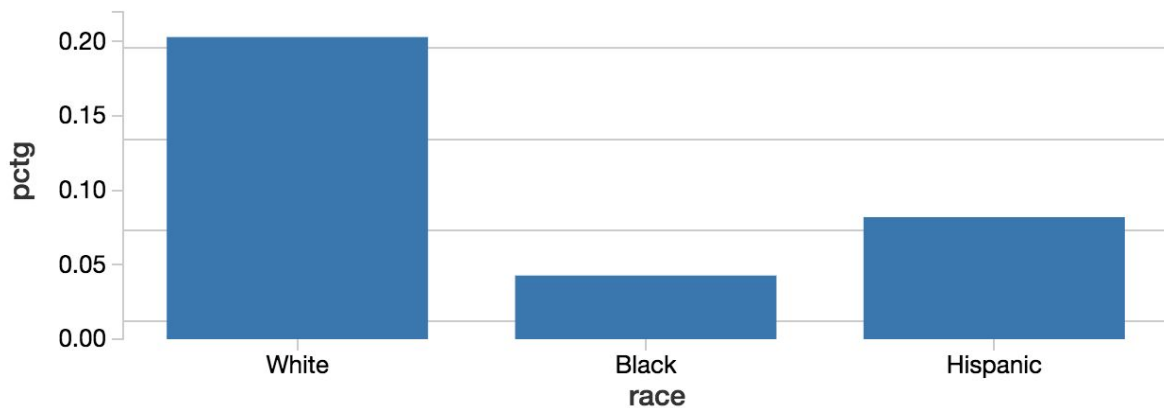
No. asian investigators who take action on behalf of asian victim // No. cases asian investigators examine for asian victims

No. asian investigators who take action on behalf of non-asian victims // No. cases asian investigators examine for non-asian victims

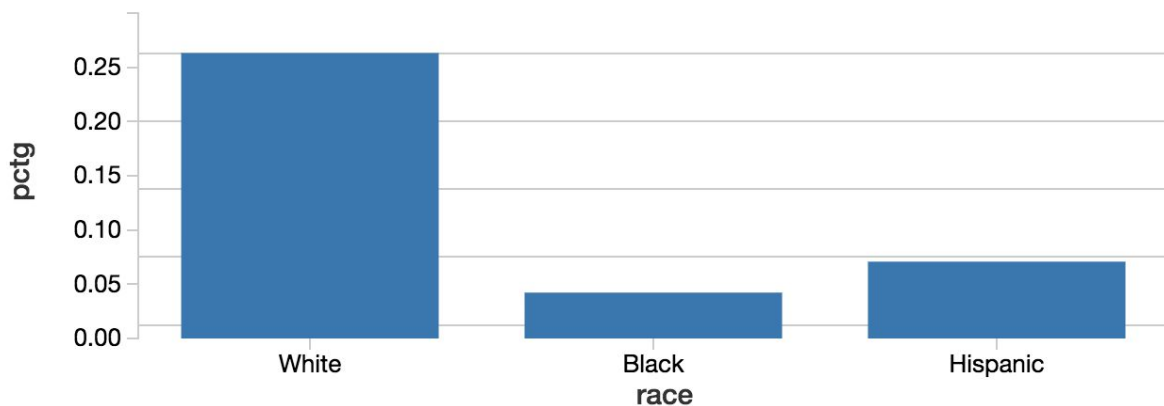
No. native investigators who take action on behalf of native victim // No. cases native investigators examine for native victims

No. native investigators who take action on behalf of non-native victims // No. cases native investigators examine for non-native victims

Investigator and Victim



Investigator and Complainant



In both cases, white victims and complainants are far more likely to have action taken on the officer by a white investigator compared to black or Hispanic victims and complainants. This finding confirms our suspicion that white civilians may have a louder voice when it comes to police misconduct.